

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	18	cm ³ /10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	2300	MPa	ISO 527
Yield stress	40	MPa	ISO 527
Yield strain	2.2	%	ISO 527
Strain at break	15	%	ISO 527
Flexural modulus, 23°C	2200	MPa	ISO 178
Charpy impact strength, +23°C	180	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	120	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	22	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	11	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	23	kJ/m ²	ISO 180/1A
Izod notched impact strength	11	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-
Ball indentation hardness	100	MPa	ISO 2039-1
Thermal properties			
ISO Data			
Vicat softening temperature, B	97	°C	ISO 306
Coeff. of linear therm. expansion, normal	100	E-6/K	ISO 11359-1/-2
Electrical properties			
ISO Data			
Relative permittivity, 100Hz	3.1	-	IEC 62631-2-1
Relative permittivity, 1MHz	2.9	-	IEC 62631-2-1
Electric strength	39	kV/mm	IEC 60243-1
Comparative tracking index	600	-	IEC 60112
Other properties			
Density	1040	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Applications

Automotive

Regional Availability

Europe, Near East/Africa